

Announcing a new supplier of environmentally excellent gases for the UK glazing market..



If you use Argon, Krypton, Xenon or any mixture made from these gases, you now have MORE choice!

Green Gases Ltd can supply:

- The optimum gas for the job whatever the type of window system, coating and spacer employed.
- Any gas requirement from single cylinder compressed gases to large quantities of liquefied gases.
- Cylinder and multiple cylinders (up to 16cyl) at low start up cost for manual filling.
- Excellent technical support on the use and application of gases with double glazing and gas filling machines with comprehensive after sales service to our customers.
- Excellent value for money - please contact us for a quote.
- A statement showing how your ethical purchase is helping the environment.

Green Gases Ltd is the UK leader in environmentally excellent gas products. We invest in environmental processes to reduce carbon emissions so that when our customers purchase our products they know that they are supporting the environment.

As an example our green hydrogen is manufactured from renewable energy, this results in a considerable reduction in greenhouse gas emissions when compared with conventionally produced hydrogen.

With every order we will provide a statement on the reduction in greenhouse gases that your ethical purchasing policy has created.

Our promise:

We offer environmental excellence without hurting the bottom line – put us to the test and ask for a quote.



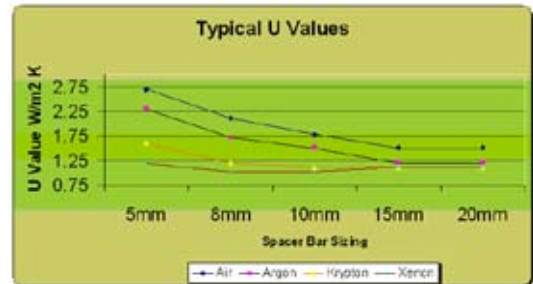
Useful Data: (The Technical bit made simple)

The U value is a measure of energy efficiency of a window system, the lower the U value, the less heat lost by a window of a particular size. To comply with the 2002 regulations window manufacturers can choose to assemble window systems incorporating argon, krypton or xenon which have better insulation properties than air resulting in a lower U value.

One of the key parameters for lowering the U value is thermal conductivity - the thermal conductivity of argon, krypton and xenon is much lower than air, leading to reduced conductive and convective heat loss:

Typical U values for a range of gases and spacer bar sizing is provided in the following guide for low E glass:

Gas	Thermal Conductivity (w/mK)
Air	0.02779
Argon	0.017744
Krypton	0.00929
Xenon	0.00561



Filling method varies with gas:

Gas	Filling Method
Argon	Gas press, single or dual point filling
Krypton	Dual point only - at low filling rates
Xenon	Dual point only - at low filling rates

This table provides a guide to the most economic spacing depending on the gas employed:

Gas	Optimum Spacing (mm)
Argon	15 - 16
Krypton	8 - 9
Xenon	8 and below

If you want to go green without seeing red, give us a ring..



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